



January 2006

MISSOURI DEPARTMENT OF TRANSPORTATION
35 TON HYDRAULIC TRAILER SPECIFICATIONS

OVERALL LENGTH: - 53'

WIDTH: - 102 inches

CAPACITY: - 70,000 Lbs. (35 Ton)

DECK RATING: - 40,000 Lbs. in 10 foot

MAIN FRAME: - Fabricated 100,000 PSI yield four beam design

CROSSMEMBERS: - 3 ½" X 3 ½" tube alternating with 4" junior I-beam on 8" centers

OPERATION: - Main bed is tilted hydraulically and the hinged slope forms a straight ramp to the upper deck which remains flat on the fifth wheel at all times.

LANDING GEAR: - Two speed

TIRES: - 10R 17.5 LRH

RIMS: - 17.5x6.75 tubeless

WHEELS: - Hub pilot/steel outboard brake drums

AXLES: - 2 -25,000 lb. Tandem dual tire, oil bath bearings

SUSPENSION: - Air ride with automatic dump and digital air scale mounted near the controls.

BRAKES: - 12 .25X7.5 full air/spring brakes ABS, 4S2M

OIL SEAL HUBS: - With outboard drums.

HITCH: - 5th wheel king pin

PIN SETTING: - 18 inches

SWING CLEARANCE: - 80 inches

LOADED GROUND CLEARANCE: - 8.5 inches

LOADED DECK HEIGHT: - 37 inches

DECKING: - 1-3/8" Apitong hardwood

AIR/ELECTRICAL: - 7-way receptacle

LIGHTS: - Sealed, potted, "LED" grommet mounted with sealed wiring harness, center mounted turn signal

FINISH: - Steel grit shot blast to bright metal, epoxy primer



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COLOR: - White

TIE DOWNS: - Double keyhole chain slots and stake pockets on 16" centers

TOOL BOX: - Twin upper deck mounted with lockable doors 6.5" H x 11.5" W x 29" D

WINCH: - 20,000# with air shift

UNDERCARRIAGE CYLINDER: - 1 – 6"x4"x212"

LOAD ANGLE: - 6.5 degree

ACCESSORIES: - Flat approach plate with four key hole tie downs, automatic slack adjusters, dual slope rollers